

INTERNATIONAL SEARCH REPORT

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PCT/US04/31478

| A. CLASSIFICATION OF SUBJECT MATTER IPC(8) : A01N 43/90, 55/02, 37/18, 29/04 US CL : 514/262, 1, 492, 2, 754, 885 According to International Patent Classification CTPO or to both national classification and IPC | | | | | | | | | | | | | | | | | |
|--|--|---|---------------------------------------|--|--|---|---|--|---|--|--|---|--|------|---|---|------|
| B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 514/262 1, 492, 2, 754, 885 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet | | | | | | | | | | | | | | | | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>Meneshian, A., Bulkley, G. B. Microcirculation. 2002, 9, 161-175. entire document, especially pp. 166-7.</td> <td>1-25</td> </tr> <tr> <td>Y</td> <td>Okamoto, K., Nishino, T. J. Biol Chem 1995, 270, 7816-7821. entire document</td> <td>1-25</td> </tr> <tr> <td>Y</td> <td>Massey, V., Komai, H., Palmer, G., Elion, G. B. J. Biol. Chem. 1970, 245, 2837-2844 entire document</td> <td>1-25</td> </tr> <tr> <td>Y</td> <td>Sanders S.A., Eisenthal R., Harrison R. Eur J. Biochem 1997, 245, 541-548. entire document</td> <td>1-25</td> </tr> </tbody> </table> | | | Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. | Y | Meneshian, A., Bulkley, G. B. Microcirculation. 2002, 9, 161-175. entire document, especially pp. 166-7. | 1-25 | Y | Okamoto, K., Nishino, T. J. Biol Chem 1995, 270, 7816-7821. entire document | 1-25 | Y | Massey, V., Komai, H., Palmer, G., Elion, G. B. J. Biol. Chem. 1970, 245, 2837-2844 entire document | 1-25 | Y | Sanders S.A., Eisenthal R., Harrison R. Eur J. Biochem 1997, 245, 541-548. entire document | 1-25 |
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| D Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex. | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Special categories of cited documents</th> <th></th> </tr> </thead> <tbody> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E" earlier application or patent published on or after the international filing date</td> <td>"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </tbody> </table> | | | Special categories of cited documents | | "A" document defining the general state of the art which is not considered to be of particular relevance | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention | "E" earlier application or patent published on or after the international filing date | "X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone | "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art | "O" document referring to an oral disclosure, use, exhibition or other means | "&" document member of the same patent family | "P" document published prior to the international filing date but later than the priority date claimed | | | | |
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| Date of the actual completion of the international search | | Date of mailing of the international search report | | | | | | | | | | | | | | | |
| 31 January 2006 (31.01.2006) | | 27 FEB 2006 | | | | | | | | | | | | | | | |
| Name and mailing address of the ISA/US Mail Stop PCT, Ann ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No (571) 273-3201 | | Authorized officer Sreeni Padmanabhan Telephone No 571/273-6000 | | | | | | | | | | | | | | | |

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International —
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Continuation of B. FIELDS SEARCHED Item 3:

MEDLINE, EAST

search terms: xanthine oxidoreductase, xanthine oxidase, inflammation, leukocyte, bof-4272, diphenylenciodonium, allopurinol